Solving Absolute Value Equations – Day 2
Unit 2: Equations and Inequalities

Solve each equation:

1. $\lvert v \rvert = 5$	2. $\dfrac{\lvert p \rvert}{6} = 1$
3. $6\lvert k \rvert - 10 = 26$	4. $\lvert -2m \rvert = 10$
5. $\lvert -4x \rvert = 12$	6. $\lvert k + 10 \rvert = 10$
7. $\lvert n - 3 \rvert + 1 = 6$	8. $\lvert r + 10 \rvert - 1 = 18$
9. $-2\left\lvert \dfrac{n}{7} \right\rvert = -2$	10. $8 + 5\lvert 7 + p \rvert = 73$

11. $10\|x - 3\| - 7 = 43$	12. $6\|-3x\| + 5 = 41$
13. $\|7x - 10\| = 46$	14. $\|4 + 8x\| = 68$
15. $\|6 + 7x\| = 6$	16. $-6 + \|6x + 3\| = 33$
17. $\|7 - 4b\| - 5 = 30$	18. $\|-10n - 1\| + 2 = 81$
19. $-9\|7n - 7\| + 10 = -116$	20. $4\|7k - 2\| - 3 = 61$